



You need it, we Formulate it!

Global
Nanotech
You need it, we formulate it !

**Dye Sublimation
Ink Preparations**

www.globalnanotech.in

Dye Sublimation ink

Dye sublimation printing is quite a popular form of printing due to its versatility. It is a transformative method of printing that takes your image and transfers it onto a polyester or polyester coated fabric using heat. This type of printing creates more durable products because it imbeds the ink directly into the surface and companies have the ability to use these prints both inside and outside.

Ink plays a crucial factor in this as the fade resistance varies from ink to ink. Depending on the need, selecting the appropriate ink will directly affect how long your print lasts. In order to have the correct Ink Properties, the Dispersions used have to be extremely stable and with the best Properties.

Our Dye - Sublimation Dispersion Specifications: Specifications A

Parameters:	YELLOW	CYAN	MAGENTA	BLACK
pH : Measured by Toshniwal CL 4 pHmeter	8-8.5	8-8.5	8-8.5	8-8.5
Viscosity (Cps) : Measured by Haake Rheostress 1 Rheometer	Upto 10	Upto 10	Upto 10	Upto 10
Surface Tension (mN/m) : Measured by KRUSS Tensiometer	45-55	45-55	45-55	45-55
Solid (%) : Measured by Sartorius Solid Analyser	30-35	30-35	30-35	30-35
PSD (D90) : Measured by Malvern Mastersizer-3000.	Upto 195nm	Upto 100nm	Upto 170nm	Upto 100nm

Specifications B

Parameters:	YELLOW	CYAN	MAGENTA	BLACK
pH : Measured by Toshniwal CL 4 pHmeter	8-8.5	8-8.5	8-8.5	8-8.5
Viscosity (Cps) : Measured by Haake Rheostress 1 Rheometer	Upto 20	Upto 20	Upto 20	Upto 20
Solid (%) : Measured by Sartorius Solid Analyser	25-35	25-35	25-35	25-35
Surface Tension (mN/m) : Measured by KRUSS Tensiometer	35-45	35-45	35-45	45-55
PSD (D90) : Measured by Malvern Mastersizer-3000.	Upto 195nm	Upto 100nm	Upto 170nm	Upto 100nm

Our Dispersion provide optimum Light fastness, Wash fastness, Alkali Perspiration fastness & crock fastness



GLOJET DISPERSE DYES SERIES

Specially developed range of water-based disperse dyes dispersions for dye sublimation inks.

PRODUCT	COLOUR INDEX	LIGHT FASTNESS	CHARACTERISTICS
Glojet Yellow 005	Disperse Yellow 54	6	Brilliant Yellow
Glojet Yellow 008	Disperse Yellow 82	4	Fluorescent Green light Yellow
Glojet Orange 008	Disperse Orange 25	6	Red light Orange
Glojet red 001	Disperse Red 60	6-7	Bright red Blue light
Glojet Blue 006	Disperse Blue 60	7	Colorful Green light Blue
Glojet Blue 007	Disperse Blue 72	6-7	Red light Blue
Glojet Blue 008	Disperse Blue 359	5-6	Brilliant Blue
Glojet Blue 009	Disperse Blue 360	5-6	Brilliant Blue
Glojet Brown 002	Disperse Brown 27	6	Deep Brown
Glojet Black 001	Disperse Black mix	5-6	Blue black
Glojet Black 002	Disperse Black mix	5-6	Red black

Printer Compatibility

EPSON: i3200,5113,4720,DX5,DX7

RICOH: Gen 4 and Gen 5

KYOCERA: KJ4B

Oekotex®
Certified & Compliant Inks



Glojet Orange



Glojet Red



Glojet Blue



Glojet Fluo
Yellow



Glojet Fluo
Pink



**Global
Nanotech**


**Choksi
Organics Pvt. Ltd.**

**CHOKSI
COLOURS**


**CHOKSI
ORGANICS
Singapore**


**SMC
Industries**

ISO 45001:2018 | ISO 9001:2015 | ISO 14004:2015

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